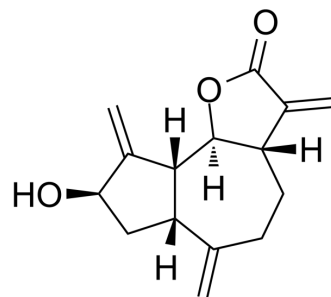


Isozaluzanin C

Cat. No.:	HY-N7741
CAS No.:	67667-64-5
Molecular Formula:	C ₁₅ H ₁₈ O ₃
Molecular Weight:	246.3
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Isozaluzanin C (Dehydrozaluzanin c-derivative) is an anti-inflammatory agent that can be isolated from *Saussurea lappa* and has immunomodulatory effects. Isozaluzanin C improves tissue damage (lung, kidney, and liver) and excessive inflammation in mice induced by LPS (HY-D1056) or CRKP infection. Isozaluzanin C can be used in the study of bacterial infections and sepsi^{[1][2]}.

REFERENCES

[1]. Kalsi S, et al. Isodehydrocostus lactone and isozaluzanin C, two guaianolides from *Saussurea lappa*[J]. *Phytochemistry*, 1983, 22(9): 1993-1995.

[2]. Zou, et al. Dehydrozaluzanin C-derivative protects septic mice by alleviating over-activated inflammatory response and promotes the phagocytosis of macrophages[J]. *bioRxiv*, 2023: 2023.11. 01.565192.

Caution: Product has not been fully validated for medical applications. For research use only.

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